

## Recombinant Human GLA protein, His-tagged

Cat. No. GLA-902H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GLA protein(Met1-Leu429)(NP_000160.1), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Leu429
<b>Form</b>	Lyophilized from sterile 50mM Tris, 150mM NaCl, pH 7.5Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
<b>Molecular Mass</b>	The secreted recombinant human GLA consists of 409 amino acids and has a predicted molecular mass of 46.8 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 97 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	GLA galactosidase, alpha [ Homo sapiens ]
<b>Official Symbol</b>	GLA
<b>Synonyms</b>	GLA; galactosidase, alpha; alpha-galactosidase A; GALA; melibiase; alpha-gal A; agalsidase alfa; alpha-D-galactosidase A; alpha-D-galactoside galactohydrolase 1;
<b>Gene ID</b>	2717
<b>mRNA Refseq</b>	NM_000169
<b>Protein Refseq</b>	NP_000160
<b>MIM</b>	300644
<b>UniProt ID</b>	P06280

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